

U.S. Patent Application Serial No. 10/670,386
Response filed June 2, 2006
Reply to OA dated March 2, 2006

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended): An information acquisition control unit comprising:

- an information acquiring section for acquiring desired information;
- an information processing section for associating the type of the desired information acquired by the information acquiring section with acquisition condition information concerning the conditions for making the information acquiring section execute an information acquiring operation to acquire the desired information in accordance with the type of the desired information, the conditions for acquiring the information being set in accordance with the type of the desired information;
- an acquisition possibility determining section for determining, based on the acquisition condition information, whether or not the acquiring operation can be executed; and
- a control section for controlling the information acquiring section, when it is determined by the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

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Claim 2. (Currently Amended): An information acquisition control unit comprising:

an information acquiring section for acquiring desired information including acquisition condition information concerning [[the]] conditions for executing an acquiring operation to acquire the desired information in accordance with the type of the desired information, the conditions for acquiring the desired information being set in accordance with the type of the desired information;

an acquisition possibility determining section for determining, based on the acquisition condition information of the acquired desired information, whether or not the acquiring operation can be executed; and

a control section for controlling the information acquiring section, when it is determined by the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

Claim 3. (Original): The information acquisition control unit according to claim 1 further comprising:

an input section for setting and inputting an acquisition demand information for demanding execution of the acquiring operation in response to an input operation, wherein said control section provides controls for inhibiting the execution of the acquiring operation, when it is determined by the control section that the acquiring operation cannot be executed by the acquisition possibility determining section, even if the control section recognizes an input for setting the acquisition demand information in the input section.

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Claim 4. (Original): The information acquisition control unit according to claim 2 further comprising:

an input section for setting and inputting an acquisition demand information for demanding execution of the acquiring operation in response to an input operation, wherein said control section provides controls for inhibiting the execution of the acquiring operation, when it is determined by the control section that the acquiring operation cannot be executed by the acquisition possibility determining section, even if the control section recognizes an input for setting the acquisition demand information in the input section.

Claim 5. (Currently Amended): An information acquisition control unit comprising:

an information acquiring section for acquiring desired information;

an input section for setting and inputting an acquisition demand information concerning a demand for an acquiring operation to acquire the desired information by the information acquisition section ~~in accordance with the type of the information~~ in response to an input operation, [[the]] conditions for acquiring the desired information being set in accordance with the type of the desired information;

an acquisition possibility determining section for determining whether or not the desired information demanded from the acquisition demand information and the desired information previously acquired by the information acquiring section are identical to each other, and for

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determining, when the two pieces of desired information are not identical to each other, that the acquiring operation can be executed; and

a control section for controlling the information acquiring section, when it is determined by the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

Claim 6. (Currently Amended): The information acquisition control unit according to claim 1, wherein said acquisition condition information relates to the conditions for executing the acquiring operation at a timing when the desired information not identical to desired information previously acquired can be acquired.

Claim 7. (Currently Amended): The information acquisition control unit according to claim 2, wherein said acquisition condition information relates to the conditions for executing the acquiring operation at a timing when the desired information not identical to desired information previously acquired can be acquired.

Claim 8. (Previously Presented): The information acquisition control unit according to claim 6, wherein the acquisition condition information is time information concerning time; and said acquisition possibility determining section determines that an acquiring operation can be executed when it recognizes, by comparing time information concerning the current point of time to said

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acquisition condition information, that the current point of time has reached a time indicated by the acquisition condition information.

Claim 9. (Previously Presented): The information acquisition control unit according to claim 7, wherein the acquisition condition information is time information concerning time; and said acquisition possibility determining section determines that an acquiring operation can be executed when it recognizes, by comparing time information concerning the current point of time to said acquisition condition information, that the current point of time has reached a time indicated by the acquisition condition information.

Claim 10 (Canceled)

Claim 11. (Currently Amended): The information acquisition control unit according to claim 1, wherein the information acquiring section acquires the desired information through communications.

Claim 12. (Currently Amended): The information acquisition control unit according to claim 2, wherein the information acquiring section acquires the desired information through communications.

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Claim 13. (Currently Amended): The information acquisition control unit according to claim 5, wherein the information acquiring section acquires the desired information through communications.

Claim 14. (Currently Amended): The information acquisition control unit according to claim 1 further comprising:

a guidance reporting section for reporting a guidance in response to the moving state of a movable body, wherein said desired information, acquired by said information acquiring section, is information concerning movement of the movable body.

Claim 15. (Currently Amended): The information acquisition control unit according to claim 2 further comprising:

a guidance reporting section for reporting a guidance in response to the moving state of a movable body, wherein said desired information, acquired by said information acquiring section, is information concerning movement of the movable body.

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Claim 16. (Currently Amended): The information acquisition control unit according to claim 5 further comprising:

a guidance reporting section for reporting a guidance in response to the moving state of a movable body, wherein said desired information, acquired by said information acquiring section, is information concerning movement of the movable body.

Claim 17. (Currently Amended): An information acquisition control system comprising:
an information storing section for distributably storing therein different types of updatable information; and

the information acquisition control unit according to claim 1 ~~connected thereto so that~~ allows the updatable information stored in this information storing section ~~[[can]]~~ to be acquired by said information acquiring section.

Claim 18. (Currently Amended): An information acquisition control system comprising:
an information storing section for distributably storing therein different types of updatable information; and

the information acquisition control unit according to claim 2 ~~connected thereto so that~~ allows the updatable information stored in this information storing section ~~[[can]]~~ to be acquired by said information acquiring section.

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Claim 19. (Currently Amended): An information acquisition control system comprising:
an information storing section for distributably storing therein different types of updatable
information; and

the information acquisition control unit according to claim 5 ~~connected thereto so that~~ allows
the updatable information stored in this information storing section ~~[[can]]~~ to be acquired by said
information acquiring section.

Claim 20. (Currently Amended): A method of controlling information acquisition for
controlling information acquisition with a computing section, the computing section operation
comprising the steps of:

associating acquired information with acquisition condition information concerning the
conditions for executing an acquiring operation to acquire desired information in accordance with
the type of the desired information, the conditions for acquiring the desired information being set
in accordance with the type of the desired information;

determining, based on the acquisition condition information associated with this desired
information, whether or not the acquiring operation can be executed; and

executing the acquiring operation to separately acquire the desired information when it is
determined that this acquiring operation can be executed.

Claim 21. (Currently Amended): A method of controlling information acquisition for controlling information acquisition with a computing section, comprising the steps of:

determining, based on ~~the~~ acquisition condition information in ~~the~~ desired information acquired in advance and including acquisition condition information concerning the conditions for executing an acquiring operation to acquire desired information in accordance with the type of the desired information, the conditions for acquiring the desired information being set in accordance with the type of the desired information; and

executing the acquiring operation to separately acquire the desired information when it is determined that this acquiring operation can be executed.

Claim 22. (Currently Amended): A method of controlling information acquisition for controlling information acquisition with a computing section, comprising the steps of:

recognizing an input for setting an acquisition demand information concerning a demand for an acquiring operation to acquire desired information in accordance with the type of the desired information in response to an input operation, the conditions for acquiring the desired information being set in accordance with the type of the desired information; and

executing the acquiring operation to separately acquire desired information when it is determined by means of comparison that the desired information demanded from the acquisition demand information and the acquired desired information are not identical to each other.

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Claim 23. (Original): An information acquisition control program for making a computing section execute the information acquisition control method according to claims 20.

Claim 24. (Original): An information acquisition control program for making a computing section execute the information acquisition control method according to claims 21.

Claim 25. (Currently Amended): An information acquisition control program for making a computing section execute the method of controlling information acquisition ~~control method~~ according to claims 22.

Claim 26. (Currently Amended): A recording medium with an information acquisition control program recorded therein, wherein the information acquisition control program according to claim 23 is recorded therein so that the information acquisition control program can be read by a computing section.

Claim 27. (Currently Amended): A recording medium with an information acquisition control program recorded therein, wherein the information acquisition control program according to claim 24 is recorded so that the information acquisition control program can be read by a computing section.

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Claim 28. (Currently Amended): A recording medium with an information acquisition control program recorded therein, wherein the information acquisition control program according to claim 25 is recorded so that the information acquisition control program can be read by a computing section.

Claim 29. (Currently Amended): A navigation system comprising:
an information acquisition control system according to claim 17 with the information storing section storing therein information concerning movement of a movable body as information;
a movable body information acquiring section provided in the information acquisition control unit of this information acquisition system for acquiring movable body information concerning the state of movement of a movable body; and
a guidance reporting section provided in the information acquisition control unit for reporting at least either one of the acquired desired information and a guidance corresponding to the moving state of a movable body based on ~~this~~ the acquired desired information.

Claim 30. (Currently Amended): A navigation system comprising:
an information acquisition control system according to claim 18 with the information storing section storing therein information concerning movement of a movable body as information;
a movable body information acquiring section provided in the information acquisition control unit of this information acquisition system for acquiring movable body information concerning the

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state of movement of a movable body; and

a guidance reporting section provided in the information acquisition control unit for reporting at least either one of the acquired desired information and a guidance corresponding to the moving state of a movable body based on ~~this~~ the acquired desired information.

Claim 31. (Currently Amended): A navigation system comprising:

an information acquisition control system according to claim 19 with the information storing section storing therein information concerning movement of a movable body as information;

a movable body information acquiring section provided in the information acquisition control unit of this information acquisition system for acquiring movable body information concerning the state of movement of a movable body; and

a guidance reporting section provided in the information acquisition control unit for reporting at least either one of the acquired desired information and a guidance corresponding to the moving state of a movable body based on ~~this~~ the acquired desired information.

Claim 32. (Currently Amended): An information acquisition control unit comprising:

an information acquiring section for acquiring desired information;

an information processing section for associating the type of the desired information acquired by the information acquiring section with acquisition condition information concerning the conditions for making the information acquiring section execute an information acquiring operation

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to acquire the desired information, the conditions for acquiring the desired information being set in accordance with the type of the desired information;

a time acquiring section for acquiring a current time information;

an acquisition possibility determining section for determining, based on the acquisition condition information and the current time information, whether or not the acquiring operation can be executed; and

a control section for controlling the information acquiring section, when it is determined by the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

Claim 33. (Currently Amended): An information acquisition control unit comprising:

an information acquiring section for acquiring desired information including acquisition condition information concerning the conditions for executing an acquiring operation to acquire the desired information, the conditions for acquiring the desired information being set in accordance with the type of the desired information;

a time acquiring section for acquiring a current time information;

an acquisition possibility determining section for determining, based on the acquisition condition information of the acquired information and the current time information, whether or not the acquiring operation can be executed; and

a control section for controlling the information acquiring section, when it is determined by

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the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

Claim 34. (Currently Amended): An information acquisition control unit comprising:

- a time acquiring section for acquiring a current time information;
- an information acquiring section for acquiring desired information, the conditions for acquiring the desired information being set in accordance with the type of the desired information;
- an input section for setting and inputting an acquisition demand information based on the current time information concerning a demand for an acquiring operation to acquire the desired information by the information acquisition section in response to an input operation;
- an acquisition possibility determining section for determining whether or not the desired information demanded from the acquisition demand information and the desired information acquired by the information acquiring section are identical to each other, and for determining, when the two pieces of desired information are not identical to each other, that the acquiring operation can be executed; and
- a control section for controlling the information acquiring section, when it is determined by the acquisition possibility determining section that the acquiring operation can be executed, to execute the acquiring operation.

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Claim 35. (Currently Amended): A method of controlling information acquisition for controlling information acquisition with a computing section, wherein the computing section operation comprising the steps of:

associating acquired information with acquisition condition information concerning the conditions for executing an acquiring operation to acquire ~~[[the]]~~ desired information;

acquiring a current time information;

determining, based on the acquisition condition information associated with ~~this~~ the desired information and the current time information, whether or not the acquiring operation can be executed; and

executing the acquiring operation to separately acquire the desired information when it is determined that the acquiring operation can be executed, the conditions for acquiring the desired information being set in accordance with the type of the desired information.

Claim 36. (Currently Amended): A method of controlling information acquisition for controlling information acquisition with a computing section, comprising the steps of:

acquiring a current time information;

determining, based on the acquisition condition information in the information acquired in advance ~~and including~~ the acquisition condition information concerning the conditions for executing an acquiring operation to acquire ~~[[the]]~~ desired information and the current time information, whether or not the acquiring operation can be executed; and

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executing the acquiring operation to separately acquire the desired information when it is determined that this acquiring operation to can be executed, the conditions for acquiring the information being set in accordance with the type of the desired information.

Claim 37. (Currently Amended): A method of controlling information acquisition for controlling information acquisition with a computing section, comprising the steps of:

acquiring a current time information;

recognizing an input for setting an acquisition demand information based on the current time information concerning a demand for an acquiring operation to acquire desired information in response to the input operation; and

executing the acquiring operation to separately acquire the desired information when it is determined by means of comparison that the desired information demanded from the acquisition demand information and the acquired desired information are not identical to each other, the conditions for acquiring the desired information being set in accordance with the type of the desired information.